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NETWORK QUALITY OF SERVICE LOCALIZER **ABSTRACT**

A method and apparatus for quality of service localization within a relatively time-invariant communications network, the method consists of the steps of: receiving quality of service estimations for a plurality of communications mediums, wherein each of the plurality of communications mediums is defined between a respective one of a plurality of transmitters located within the communications network to a common receiving point of the communications network, wherein each communications medium is conveyed over at least one shared physical communications path and at least one non-shared physical communications path; and comparing the quality of service estimations in order to localize a\respective quality of service estimation to a likely physical communication path within the communications network.